

09/548, 909

Res/5

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\07202000\I548409.raw

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4 <110> APPLICANT: Steward, Lance E.
5 Aoki, K. Roger
6 Sachs, George
8 <120> TITLE OF INVENTION: Compositions ,and Methods for the
9 Treatment of Pancreatitis
11 <130> FILE REFERENCE: 17282 CIP
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/548,409
C--> 13 <141> CURRENT FILING DATE: 2000-04-13
13 <150> PRIOR APPLICATION NUMBER: 09/288,326
14 <151> PRIOR FILING DATE: 1999-04-08
16 <160> NUMBER OF SEQ ID NOS: 11
18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 129
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 Ser Glu Gln Glu Asn Cys Glu Leu Ile Ser Thr Ile Asn Gly Met Asn
27 1 5 10 15
28 Ser Gly Val Cys Leu Cys Val Leu Met Ala Val Leu Ala Ala Gly Ala
29 20 25 30
30 Leu Thr Gln Pro Val Pro Pro Ala Asp Pro Ala Gly Ser Gly Leu Gln
31 35 40 45
32 Arg Ala Glu Glu Ala Pro Arg Arg Gln Leu Arg Val Ser Gln Arg Thr
33 50 55 60
34 Asp Gly Glu Ser Arg Ala His Leu Gly Ala Leu Leu Ala Arg Tyr Ile
35 65 70 75 80
36 Gln Gln Ala Arg Lys Ala Pro Ser Gly Arg Met Ser Ile Val Lys Asn
37 85 90 95
38 Leu Gln Asn Leu Asp Pro Ser His Arg Ile Ser Asp Arg Asp Tyr Met
39 100 105 110
40 Gly Trp Met Asp Phe Gly Arg Arg Ser Ala Glu Glu Tyr Glu Tyr Pro
41 115 120 125
42 Ser
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 58
47 <212> TYPE: PRT
48 <213> ORGANISM: Homo sapiens
50 <400> SEQUENCE: 2
51 Val Ser Gln Arg Thr Asp Gly Glu Ser Arg Ala His Leu Gly Ala Leu
52 1 5 10 15
53 Leu Ala Arg Tyr Ile Gln Gln Ala Arg Lys Ala Pro Ser Gly Arg Met
54 20 25 30
55 Ser Ile Val Lys Asn Leu Gln Asn Leu Asp Pro Ser His Arg Ile Ser
56 35 40 45
57 Asp Arg Asp Tyr Met Gly Trp Met Asp Phe
58 50 55

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/548,409
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 TIME: 11:13:08

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60 <210> SEQ ID NO: 3
61 <211> LENGTH: 39
62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 3
66 Tyr Ile Gln Gln Ala Arg Lys Ala Pro Ser Gly Arg Met Ser Ile Val
67 1 5 10 15
68 Lys Asn Leu Gln Asn Leu Asp Pro Ser His Arg Ile Ser Asp Arg Asp
69 20 25 30
70 Tyr Met Gly Trp Met Asp Phe
71 35
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 33
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 4
79 Lys Ala Pro Ser Gly Arg Met Ser Ile Val Lys Asn Leu Gln Asn Leu
80 1 5 10 15
81 Asp Pro Ser His Arg Ile Ser Asp Arg Asp Tyr Met Gly Trp Met Asp
82 20 25 30
83 Phe
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 12
88 <212> TYPE: PRT
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 5
92 Ile Ser Asp Arg Asp Tyr Met Gly Trp Met Asp Phe
93 1 5 10
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 9
97 <212> TYPE: PRT
98 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 6
101 Arg Asp Tyr Met Gly Trp Met Asp Phe
102 1 5
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 448
106 <212> TYPE: PRT
107 <213> ORGANISM: Clostridium botulinum
109 <400> SEQUENCE: 7
110 Met Pro Phe Val Asn Lys Gln Phe Asn Tyr Lys Asp Pro Val Asn Gly
111 1 5 10 15
112 Val Asp Ile Ala Tyr Ile Lys Ile Pro Asn Ala Gly Gln Met Gln Pro
113 20 25 30
114 Val Lys Ala Phe Lys Ile His Asn Lys Ile Trp Val Ile Pro Glu Arg
115 35 40 45
116 Asp Thr Phe Thr Asn Pro Glu Glu Gly Asp Leu Asn Pro Pro Pro Glu
117 50 55 60
118 Ala Lys Gln Val Pro Val Ser Tyr Tyr Asp Ser Thr Tyr Leu Ser Thr

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119 65          70          75          80
120 Asp Asn Glu Lys Asp Asn Tyr Leu Lys Gly Val Thr Lys Leu Phe Glu
121          85          90          95
122 Arg Ile Tyr Ser Thr Asp Leu Gly Arg Met Leu Leu Thr Ser Ile Val
123          100          105          110
124 Arg Gly Ile Pro Phe Trp Gly Gly Ser Thr Ile Asp Thr Glu Leu Lys
125          115          120          125
126 Val Ile Asp Thr Asn Cys Ile Asn Val Ile Gln Pro Asp Gly Ser Tyr
127          130          135          140
128 Arg Ser Glu Glu Leu Asn Leu Val Ile Ile Gly Pro Ser Ala Asp Ile
129          145          150          155          160
130 Ile Gln Phe Glu Cys Lys Ser Phe Gly His Glu Val Leu Asn Leu Thr
131          165          170          175
132 Arg Asn Gly Tyr Gly Ser Thr Gln Tyr Ile Arg Phe Ser Pro Asp Phe
133          180          185          190
134 Thr Phe Gly Phe Glu Glu Ser Leu Glu Val Asp Thr Asn Pro Leu Leu
135          195          200          205
136 Gly Ala Gly Lys Phe Ala Thr Asp Pro Ala Val Thr Leu Ala His Glu
137          210          215          220
138 Leu Ile His Ala Gly His Arg Leu Tyr Gly Ile Ala Ile Asn Pro Asn
139          225          230          235          240
140 Arg Val Phe Lys Val Asn Thr Asn Ala Tyr Tyr Glu Met Ser Gly Leu
141          245          250          255
142 Glu Val Ser Phe Glu Glu Leu Arg Thr Phe Gly Gly His Asp Ala Lys
143          260          265          270
144 Phe Ile Asp Ser Leu Gln Glu Asn Glu Phe Arg Leu Tyr Tyr Tyr Asn
145          275          280          285
146 Lys Phe Lys Asp Ile Ala Ser Thr Leu Asn Lys Ala Lys Ser Ile Val
147          290          295          300
148 Gly Thr Thr Ala Ser Leu Gln Tyr Met Lys Asn Val Phe Lys Glu Lys
149          305          310          315          320
150 Tyr Leu Leu Ser Glu Asp Thr Ser Gly Lys Phe Ser Val Asp Lys Leu
151          325          330          335
152 Lys Phe Asp Lys Leu Tyr Lys Met Leu Thr Glu Ile Tyr Thr Glu Asp
153          340          345          350
154 Asn Phe Val Lys Phe Phe Lys Val Leu Asn Arg Lys Thr Tyr Leu Asn
155          355          360          365
156 Phe Asp Lys Ala Val Phe Lys Ile Asn Ile Val Pro Lys Val Asn Tyr
157          370          375          380
158 Thr Ile Tyr Asp Gly Phe Asn Leu Arg Asn Thr Asn Leu Ala Ala Asn
159          385          390          395          400
160 Phe Asn Gly Gln Asn Thr Glu Ile Asn Asn Met Asn Phe Thr Lys Leu
161          405          410          415
162 Lys Asn Phe Thr Gly Leu Phe Glu Phe Tyr Lys Leu Leu Cys Val Arg
163          420          425          430
164 Gly Ile Ile Thr Ser Lys Thr Lys Ser Leu Asp Lys Gly Tyr Asn Lys
165          435          440          445
167 <210> SEQ ID NO: 8
168 <211> LENGTH: 423

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169 <212> TYPE: PRT
170 <213> ORGANISM: Clostridium botulinum
172 <400> SEQUENCE: 8
173 Ala Leu Asn Asp Leu Cys Ile Lys Val Asn Asn Trp Asp Leu Phe Phe
174 1 5 10 15
175 Ser Pro Ser Glu Asp Asn Phe Thr Asn Asp Leu Asn Lys Gly Glu Glu
176 20 25 30
177 Ile Thr Ser Asp Thr Asn Ile Glu Ala Ala Glu Glu Asn Ile Ser Leu
178 35 40 45
179 Asp Leu Ile Gln Gln Tyr Tyr Leu Thr Phe Asn Phe Asp Asn Glu Pro
180 50 55 60
181 Glu Asn Ile Ser Ile Glu Asn Leu Ser Ser Asp Ile Ile Gly Gln Leu
182 65 70 75 80
183 Glu Leu Met Pro Asn Ile Glu Arg Phe Pro Asn Gly Lys Lys Tyr Glu
184 85 90 95
185 Leu Asp Lys Tyr Thr Met Phe His Tyr Leu Arg Ala Gln Glu Phe Glu
186 100 105 110
187 His Gly Lys Ser Arg Ile Ala Leu Thr Asn Ser Val Asn Glu Ala Leu
188 115 120 125
189 Leu Asn Pro Ser Arg Val Tyr Thr Phe Phe Ser Ser Asp Tyr Val Lys
190 130 135 140
191 Lys Val Asn Lys Ala Thr Glu Ala Ala Met Phe Leu Gly Trp Val Glu
192 145 150 155 160
193 Gln Leu Val Tyr Asp Phe Thr Asp Glu Thr Ser Glu Val Ser Thr Thr
194 165 170 175
195 Asp Lys Ile Ala Asp Ile Thr Ile Ile Ile Pro Tyr Ile Gly Pro Ala
196 180 185 190
197 Leu Asn Ile Gly Asn Met Leu Tyr Lys Asp Asp Phe Val Gly Ala Leu
198 195 200 205
199 Ile Phe Ser Gly Ala Val Ile Leu Leu Glu Phe Ile Pro Glu Ile Ala
200 210 215 220
201 Ile Pro Val Leu Gly Thr Phe Ala Leu Val Ser Tyr Ile Ala Asn Lys
202 225 230 235 240
203 Val Leu Thr Val Gln Thr Ile Asp Asn Ala Leu Ser Lys Arg Asn Glu
204 245 250 255
205 Lys Trp Asp Glu Val Tyr Lys Tyr Ile Val Thr Asn Trp Leu Ala Lys
206 260 265 270
207 Val Asn Thr Gln Ile Asp Leu Ile Arg Lys Lys Met Lys Glu Ala Leu
208 275 280 285
209 Glu Asn Gln Ala Glu Ala Thr Lys Ala Ile Ile Asn Tyr Gln Tyr Asn
210 290 295 300
211 Gln Tyr Thr Glu Glu Glu Lys Asn Asn Ile Asn Phe Asn Ile Asp Asp
212 305 310 315 320
213 Leu Ser Ser Lys Leu Asn Glu Ser Ile Asn Lys Ala Met Ile Asn Ile
214 325 330 335
215 Asn Lys Phe Leu Asn Gln Cys Ser Val Ser Tyr Leu Met Asn Ser Met
216 340 345 350
217 Ile Pro Tyr Gly Val Lys Arg Leu Glu Asp Phe Asp Ala Ser Leu Lys
218 355 360 365

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219 Asp Ala Leu Leu Lys Tyr Ile Tyr Asp Asn Arg Gly Thr Leu Ile Gly
220      370      375      380
221 Gln Val Asp Arg Leu Lys Asp Lys Val Asn Asn Thr Leu Ser Thr Asp
222      385      390      395      400
223 Ile Pro Phe Gln Leu Ser Lys Tyr Val Asp Asn Gln Arg Leu Leu Ser
224      405      410      415
225 Thr Phe Thr Glu Tyr Ile Lys
226      420
228 <210> SEQ ID NO: 9
229 <211> LENGTH: 382
230 <212> TYPE: PRT
231 <213> ORGANISM: Clostridium botulinum
233 <400> SEQUENCE: 9
234 Gln Leu Phe Asn Leu Glu Ser Ser Lys Ile Glu Val Ile Leu Lys Asn
235      1      5      10      15
236 Ala Ile Val Tyr Asn Ser Met Tyr Glu Asn Phe Ser Thr Ser Phe Trp
237      20      25      30
238 Ile Arg Ile Pro Lys Tyr Phe Asn Ser Ile Ser Leu Asn Asn Glu Tyr
239      35      40      45
240 Thr Ile Ile Asn Cys Met Glu Asn Asn Ser Gly Trp Lys Val Ser Leu
241      50      55      60
242 Asn Tyr Gly Glu Ile Ile Trp Thr Leu Gln Asp Thr Gln Glu Ile Lys
243      65      70      75      80
244 Gln Arg Val Val Phe Lys Tyr Ser Gln Met Ile Asn Ile Ser Asp Tyr
245      85      90      95
246 Ile Asn Arg Trp Ile Phe Val Thr Ile Thr Asn Asn Arg Leu Asn Asn
247      100      105      110
248 Ser Lys Ile Tyr Ile Asn Gly Arg Leu Ile Asp Gln Lys Pro Ile Ser
249      115      120      125
250 Asn Leu Gly Asn Ile His Ala Ser Asn Asn Ile Met Phe Lys Leu Asp
251      130      135      140
252 Gly Cys Arg Asp Thr His Arg Tyr Ile Trp Ile Lys Tyr Phe Asn Leu
253      145      150      155      160
254 Phe Asp Lys Glu Leu Asn Glu Lys Glu Ile Lys Asp Leu Tyr Asp Asn
255      165      170      175
256 Gln Ser Asn Ser Gly Ile Leu Lys Asp Phe Trp Gly Asp Tyr Leu Gln
257      180      185      190
258 Tyr Asp Lys Pro Tyr Tyr Met Leu Asn Leu Tyr Asp Pro Asn Lys Tyr
259      195      200      205
260 Val Asp Val Asn Asn Val Gly Ile Arg Gly Tyr Met Tyr Leu Lys Gly
261      210      215      220
262 Pro Arg Gly Ser Val Met Thr Thr Asn Ile Tyr Leu Asn Ser Ser Leu
263      225      230      235      240
264 Tyr Arg Gly Thr Lys Phe Ile Ile Lys Lys Tyr Ala Ser Gly Asn Lys
265      245      250      255
266 Asp Asn Ile Val Arg Asn Asn Asp Arg Val Tyr Ile Asn Val Val Val
267      260      265      270
268 Lys Asn Lys Glu Tyr Arg Leu Ala Thr Asn Ala Ser Gln Ala Gly Val
269      275      280      285

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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/548,409

DATE: 07/20/2000
TIME: 11:13:09

Input Set : A:\Seqlist.txt
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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date